

عنوان مقاله:

Synthesis and Dyeing Properties of a Monoazo Disperse Dye Containing of 4-Carboxylic acid Azobenzene-4-N, N-Diethylamino-2-Acetanilide on Polyester

محل انتشار:

سومین کنگره بین المللی رنگ و پوشش (سال: 1388)

تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

A novel monoazo disperse dye was prepared from p-amino benzoic acid as the diazo component and 3-N,N-diethylaminoacetanilide constituted the coupling component. The synthesized dye was purified by TLC method and then was characterized by analytical instruments such as FTIR, Mass spectra and UV-Visible techniques. The dispersion of the synthesized dye was prepared and utilized on polyester fabric by HT method and its dyeing properties were investigated. The synthesized dye showed good levelling and builds up on polyester. This dye had .excellent wash fastness and medium light fastness on polyester fabrics

کلمات کلیدی:

Synthesis, Disperse dye, Dyeing, 4-carboxylic acid azo benzene-4s-N, N-diethylamino-2-acetanilide, Polyester fabrics

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